Test Number: SNPP_VIIRS_NRT_LST_Checkout

Test Date: 10/11/18

Last Revised: 10/17/18

Last Rev changes: Data period for test changed due to availability of S-PDS data.

Discipline: Land

Test Title: NRT LST Checkout

Test Objective: To generate L2 LST using the NRT chain of inputs to support comparison of products to the L2 LST produced with standard inputs. Primary difference is use of NCEP in NRT and MERRA2 in regular operations.

Test Time Interval(s):
    2018230 through 2018239

Machine/Archive Set: ops4, 3237

Related Test(s):

Baseline DataSet: AS5000

Input DataSet:

Sync the data listed below from laads AS1 to test archive set on ops4 for the data period of 12/31/17 – 1/9/18

    VIIRSNP00SSCI
    VIIRSNP00S000
    VIIRSNP00S008
    VIIRSNP00S011
    TLE_VGD
    USNOPW_VGD
    NCEP_GFS03_VGD
    NCEP_GFS06_VGD
    NCEP_GFS09_VGD
    NCEP_GFS12_VGD
    NCEP_GFS15_VGD
    NCEP_GFS18_VGD
    NCEP_GFS21_VGD
    NCEP_GFS24_VGD
    NISE
    MYD13A2 (same set as used on ops4 AS5000 for 2018 processing)
    NPP_QSTLWMIPS_L3 (start time is 1/1/15)

Special processing notes:

- The NRT variations of Recipes are being used for this test chain
- For VNP_LP_GGMnrtm7, we only need to process Profiles 1, 2, and 4, not the full suite of Profiles normally processed.
- VNP_S1nrtm7 needs to be run for 12/31/17 through 1/7/18.
- VNP_S2nrtm7 needs to be run for the first day of 2017 (start 1/1/17, end 1/2/17).
- VNP_S3nrtm7 needs to be run for start 12/11/17 and end 12/27/17.

Recipes/PGEs to be executed:

Recipe	Start/End Profile	Version	PGE	PGE Version	PGE Name
VNP_00nrtm7	1/1	1.0.4	PGE595	1.0.6	L0 Splitter
VNP_0nrtm7	1/1	2.0.5	PGE500	2.0.6	L1A
NPP_1alsnrtm7	2/2	2.5.7	PGE302a	P2.5.8	Geolocation
NPP_1blsnrtm7	2/2	2.5.7	PGE302b	P2.5.8	L1B (SDR)
VNP_L1nrtm7	1/1	1.0.0	PGE530	1.0.2	L2 750m Fire
VNP_LP_AWnrtm7	1/1	1.0.3	PGE506	1.0.3	Area Weight
VNP_LP_GGNnrtm7	1/1	1.0.2	PGE550	1.0.2	NCEP granulation
VNP_LP_GGMnrtm7	1/2	1.0.4	PGE553	1.0.2	Grid-to-Gran
VNP_LP_GGMnrtm7	4/4	1.0.4	PGE553	1.0.2	Grid-to-Gran
VNP_LP_L2nrtm7	1/1	1.0.4	PGE503	1.0.10	CloudMask
VNP_LP_L4nrtm7	1/1	1.0.13	PGE616	1.0.6	L2 LST
VNP_S1nrtm7	1/1	1.0.0	PGE596	1.0.1	Snow Seed Generator
VNP_S2nrtm7	1/1	1.0.0	PGE597	1.0.1	VI Seed file initiator
VNP_S3nrtm7	1/1	1.0.0	PGE598	1.0.1	VI Seed File Generator

NPP Test Group Notes

Changes to Test Plan:

Final Plan Approved by:
Date:

Test Started:
Test Completed:
Verified in LAADS

Production Notes:

***Additional Processing Notes:

Products to be synched to LAADS:
VNP21C_NRT
 VNP21_NRT

Test Results:

Data Set Removal Information
Date:
Approved by: